

## 60W DC/DC Series



- High reliability
- Top brand components for key parts
- Electrolytic capacitors all 105 °C
- Built-in EMI filter
- Protections: overload/ short circuit
- 5 years limited warranty
- F605 160 × 98 × 39(mm)

DC input voltage ..... 12VDC, 24VDC, 48VDC, 110VDC

Line regulation (full load) .....  $\leq \pm 0.5\%$

Output voltage adjust range ..... single output:  $\pm 10\%$

multi-output:  $V_1: \pm 5\%$

Output overload protection ..... 105~150%, hiccup mode, auto recovery

Withstand voltage ..... I/P -O/P: 1.5KVAC/1min

I/P -F/G: 1.5KVAC/1min

O/P-F/G: 0.5KVAC/1min

Isolation resistance ..... > 100M  $\Omega$  @500VDC

Operating temperature ..... -20°C ~+50°C

Safety standards ..... design refer to GB4943,  
UL60950, EN60950

Cooling method ..... convection

| Model         | DC Output |          | R&N   | Voltage Tol. |
|---------------|-----------|----------|-------|--------------|
| HF60W-SD**-5  | 5V        | 12.0A    | 80mV  | $\pm 1\%$    |
| HF60W-SD**-12 | 12V       | 5.0A     | 120mV | $\pm 1\%$    |
| HF60W-SD**-24 | 24V       | 2.5A     | 150mV | $\pm 1\%$    |
| HF60W-SD**-48 | 48V       | 1.3A     | 150mV | $\pm 1\%$    |
| HF60W-DD**-A  | 12V       | 0.5~4.0A | 120mV | $\pm 1\%$    |
|               | 5V        | 0.0~2.0A | 80mV  | $\pm 3\%$    |

\*\*means DC input voltage, such as 12, 24, 48, 110, etc.

## Drawing

